

## **ABSTRACT OF THE DISCLOSURE**

A client-server system may include a primary state of session data. Application servers may include client states of the session data and may access the primary state.

- 5 The session data may include attributes. An application server may generate a set of attributes of the session data for synchronizing the primary state with the client state. The set may exclude immutable attributes. In some embodiment the set may further exclude attributes only immutably accessed and/or further exclude attributes that were not accessed. In some embodiments, the application server may use a binary comparison or
- 10 an object graph comparison of the set of attributes to a benchmark of the client state to determine a subset of the generated set of attributes that are modified. The distributed store may synchronize the primary state with the client state using the generated set of attributes or, in some embodiments, using only the modified attributes.